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Table S2: Phenotypes of *P. luminescens* TT01 Chr_dam and Chr_gfp strains

| Strain ^a | Btb adsorption ^b | Bioluminescence ^c | Antibiotic production ^d | Sheep blood hemolysis ^e | Motility ^f | lecithinase ^g | Lipolysis of ^h | | | | |
|---------------------|--------------------------------|------------------------------|---------------------------------------|--|-----------------------|--------------------------|---------------------------|----------|----------|----------|----------|
| | | | | | | | Tween 20 | Tween 40 | Tween 60 | Tween 80 | Tween 85 |
| TT01 Chr_Dam | G | + | + | - | + | + | + | + | + | + | - |
| TT01 Chr_GFP | G | + | + | - | ++ | + | + | + | + | + | - |
| TT01 WT | G | + | + | - | ++ | + | + | + | + | + | - |

^a All plates were incubated for 2 days at 28°C before assays were interpreted, unless otherwise indicated. Routinely tested phenotypes on the WT strain are indicated for comparison.

^b Btb, bromothymol blue; G, green-blue colonies on NBTA medium.

^c +, Luminescence detected by visual observation in a dark room.

^d +, Halo size (>10 mm) of growth inhibition of *Micrococcus luteus*.

^e -, No halo of hemolysis detected

^f +, Reduced spreading area (halo size < 40 mm); ++, Large spreading area (halo size > 40 mm) after 36h of incubation.

^g +, Halo of opacity around the inoculum indicated the production of lecithinase

^h +, Halo of precipitation; -, no halo of precipitation